SUPPLEMENTAL AMENDMENT UNDER 37 C.F.R. § 1.111 Attorney Docket No.: Q94633 Appln. No.: 10/577,154

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

 (previously presented): A hyaluronic acid compound represented by the following formula (1):

wherein R⁰ is a group represented by the following formula (1)'-a, -OH or -ONa,

wherein R⁰¹ is an alkenyl group having 10 to 28 carbon atoms, and n is an integer of 50 to 50,000, with the proviso that 1 to 50% of R⁰ is the group represented by the above formula (1)-a, said hyaluronic acid compound showing a complex elastic modulus of more than 200 Pa with its hydrogel having a concentration of 3 wt%.

(original): The hyaluronic acid compound according to claim 1, wherein n is 300 to 30,000.

SUPPLEMENTAL AMENDMENT UNDER 37 C.F.R. § 1.111 Attorney Docket No.: Q94633 Appln. No.: 10/577.154

- 3. (previously presented): The hyaluronic acid compound according to claim 1, wherein two R^{01} CO-'s in the formula (1)'-a are both oleoyl groups.
- (original): A hydrogel of the hyaluronic acid compound of any one of claims 1 to
- (original): A molded form of the hyaluronic acid compound of any one of claims
 1 to 3.
- (previously presented): A joint treating material comprising a hyaluronic acid compound represented by the following formula (1)':

wherein \mathbb{R}^0 is a group represented by the following formula (1)'-a, -OH or -ONa,

wherein R⁰¹ is an alkenyl group having 10 to 28 carbon atoms, and n is an integer of 50 to 50,000, with the proviso that 1 to 50% of R⁰ is the group represented by the above formula (1)'-a, said hyaluronic acid compound showing a complex elastic modulus of more than 200 Pa with its hydrogel having a concentration of 3 wt%.

SUPPLEMENTAL AMENDMENT UNDER 37 C.F.R. § 1.111 Attorney Docket No.: Q94633 Appln. No.: 10/577,154

- 7. (previously presented): The joint treating material according to claim 6, wherein R^1 is an alkyl group or alkenyl group having 14 to 20 carbon atoms and n is an integer of 1,000 to 10,000.
- 8. (currently amended): A method of using a hyaluronic acid compound comprising inserting a joint treating material prepared from a hyaluronic acid compound represented by the following formula: (1): (1):

wherein R is a group represented by the following formula (1) a, OH or ONa,

wherein R[‡] is an alkyl group or alkenyl group having 10 to 28 carbon atoms, and n is an integer of 50 to 50,000, with the proviso that 1 to 100 % of R is the group represented by the above formula (1) a.

SUPPLEMENTAL AMENDMENT UNDER 37 C.F.R. § 1.111 Attorney Docket No.: Q94633 Appln. No.: 10/577,154

wherein R⁰ is a group represented by the following formula (1)'-a, -OH or -ONa,

$$CH_2OCOR^{01}$$
 $R^{01}CO_2CH$
 $CH_2O-P-O-CH_2CH_2NH-- O^ \cdots (1)^--a$

wherein R⁰¹ is an alkenyl group having 10 to 28 carbon atoms, and n is an integer of 50 to 50,000, with the proviso that 1 to 50% of R⁰ is the group represented by the above formula (1)-a, said hyaluronic acid compound showing a complex elastic modulus of more than 200 Pa with its hydrogel having a concentration of 3 wt%,

into the joint of a patient.

(previously presented): The molded form of claim 5, wherein the molded form is a sponge, nonwoven cloth or film.